

PATENT **AF**Case Docket No. TAIYO40.001AUS **2700**

Date: April 22, 2003

Page 1

In re application of : Masato Nishikawa, et al.  
App. No. : 09/470,377  
Filed : December 22, 1999  
For : TOUCH-OPERATING INPUT  
DEVICE, DISPLAY SYSTEM,  
AND TOUCH-OPERATION  
ASSISTING METHOD FOR  
TOUCH-OPERATING INPUT  
Examiner : Laneau Ronald  
Art Unit : 2674

) I hereby certify that this correspondence and all marked  
) attachments are being deposited with the United States  
) Postal Service as first class mail in an envelope addressed  
) to: United States Patent and Trademark Office, P.O. Box  
) 2327, Arlington, VA 22202, on

April 22, 2003

(Date)

Katsuhiro Arai, Reg. No. 43,315

UNITED STATES PATENT AND TRADEMARK OFFICE  
P.O. Box 2327  
Arlington, VA 22202

Sir:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated as shown below:

## CLAIMS AS FILED

	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEE
Total Claims	19	—	20	= 0 ×	\$18	= \$0
Independent Claims	6	—	6	= 3 ×	\$84	= \$0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$0

- (X) Amendment After Final in four (4) pages.  
(X) Return prepaid postcard.  
(X) Please charge any fees, including any fees for additional extension of time to Deposit Account No. 11-1410.  
(X) Please use Customer No. 20,995 for the correspondence address.

Katsuhiro Arai  
Registration No. 43,315  
Agent of Record  
Customer No. 20,995  
(949) 760-0404

TAIYO40.001AUS

PATENT

10/B  
4-29-03  
NP  
(HSC)  
Enter  
5-29-03



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Nishikawa, et al. ) Group Art Unit 2674  
Appl. No. : 09/470,377 )  
Filed : December 22, 1999 )  
For : TOUCH-OPERATING INPUT )  
DEVICE, DISPLAY SYSTEM, )  
AND TOUCH-OPERATION )  
ASSISTING METHOD FOR )  
TOUCH-OPERATING INPUT )  
Examiner : R. Laneau )

RECEIVED

APR 28 2003

Technology Center 2600

AMENDMENT AFTER FINAL

United States Patent Office and Trademark  
P.O. Box 2327  
Arlington, VA 22202

Dear Sir:

In response to the final Office Action mailed February 27, 2003, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend Claims 1 and 20 as follows:

Sub  
C1  
B1

1. (Twice Amended) A touch-operating input device comprising a display device for displaying operation function items and a touch panel which is provided separately from the display device and which is for selecting the function items by touch operation, wherein a touch-operation guide shape is formed with convex or concave ribs on a touch-operation face of said touch panel, said touch-operating device further comprising control means for controlling said display device to display an image representing the touch-operation guide shape formed with the ribs, wherein the operation function items are superposed on said image.

B2  
Cont

20. (Twice Amended) A touch-operation assisting method for a touch-operating input device comprising a display device for displaying operation function items and a touch panel